CAMBRIA

May 25, 1999

Scott Seery
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Re: **First Quarter 1999 Monitoring Report**
Shell-branded Service Station
1784 150th Avenue
San Leandro, California
Incident #98996068
Cambria Project #24-314-199

Dear Mr. Seery:

On behalf of Equiva Services LLC (Equiva), Cambria Environmental Technology, Inc. (Cambria) is submitting this ground water monitoring report in accordance with the reporting requirements of 23 CCR 2652d.

FIRST QUARTER 1999 ACTIVITIES

Ground Water Monitoring: Blaine Tech Services, Inc. (Blaine) of San Jose, California checked for separate-phase hydrocarbons (SPH) and gauged and sampled all the site wells. **No SPH were found this quarter.** In addition to the usual gasoline constituents, all wells were analyzed for volatile organic compounds by **EPA Method 8010.** No compounds were detected, except for **8.48 parts per billion (ppb) of 1,2-dichloroethane in well MW-3, and 0.884 ppb of trichloroethane in well MW-4.** Blaine calculated ground water elevations and compiled the analytical data. Cambria prepared a ground water elevation contour map (Figure 1). The Blaine report, presenting the laboratory report, is included as Attachment A.

ANTICIPATED SECOND QUARTER 1999 ACTIVITIES

5/20/99 Well installations on "hold" pending receipt/review of off-site report.

Monitoring Well Installations: The installation of proposed monitoring wells MW-5 and MW-6, as shown in Figure 1, will not be completed during the second quarter of 1999. Cambria is currently preparing an investigation report for the soil and ground water investigation conducted in November of 1998. Upon completion of the investigation report and review by the Alameda County Health Care Services Agency, Cambria will proceed with the proposed monitoring well installations.

Oakland, CA
Sonoma, CA
Portland, OR
Seattle, WA

Cambria Environmental Technology, Inc.

1144 65th Street
Suite B
Oakland, CA 94608
Tel (510) 420-0700
Fax (510) 420-9170

Tier 2 RBCA: Cambria's November 5, 1998 *Subsurface Investigation Work Plan Addendum* proposed conducting an additional Tier 2 RBCA to address the RBCA related topics discussed in Cambria's *Meeting Summary and Work Plan Addendum* dated May 1, 1998. At this time the RBCA evaluation has not been completed. We anticipate submitting the new Tier 2 RBCA during the second quarter of 1999.

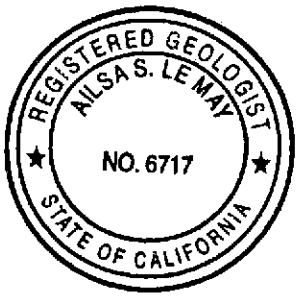
Ground Water Monitoring: Blaine will check for and remove any detected SPH, gauge and sample all wells, and tabulate the data. Cambria will prepare a monitoring report.

CLOSING

We appreciate the opportunity to work with you on this project. Please call Darryk Ataide at (510) 420-3339 if you have any questions or comments.

Sincerely,
Cambria Environmental Technology, Inc

Darryk Ataide, REA I
Project Manager



Ailsa S. Le May, R.G.
Senior Geologist

Figure: 1 - Ground Water Elevation Contour Map
Attachment: A - Blaine Ground Water Monitoring Report
cc: Karen Petryna, Equiva Services LLC, P.O. Box 6249, Carson, California 90749-6249

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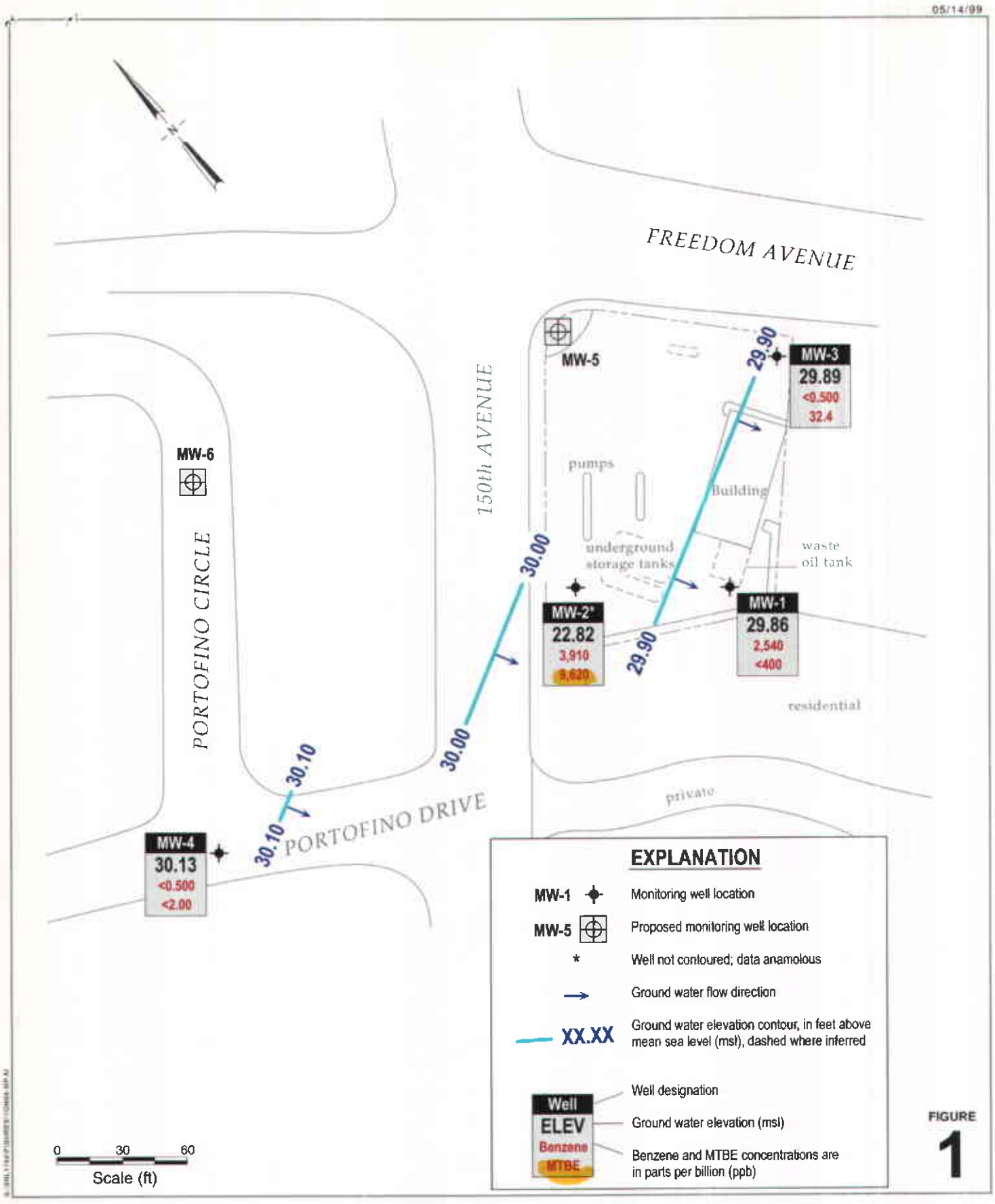

FIGURE
1

Shell-branded Service Station
1784 150th Avenue
San Leandro, California
Incident #98996068

CAMBRIA

Ground Water Elevation Contour Map

March 1, 1999

ATTACHMENT A

Blaine Ground Water Monitoring Report

BLAINE
TECH SERVICES inc.

1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112-1105
(408) 573-7771 FAX
(408) 573-0555 PHONE

April 9, 1999

Karen Petryna
Equiva Services LLC
P.O. Box 6249
Carson, CA 90749-6249

First Quarter 1999 Groundwater Monitoring at
SHELL -branded Service Station
1784 150th Avenue
San Leandro, CA

Monitoring performed on March 1, 1999

Groundwater Monitoring Report **990301-X-2**

This report covers the routine monitoring of groundwater wells at this SHELL -branded facility. In accordance with standard procedures that conform to Regional Water Quality Control Board requirements, routine field data collection includes depth to water, total well depth, thickness of any separate immiscible layer, water column volume, apprioriate calculated purge volume (if applicable), elapsed evacuation time (if applicable), total volume of water removed (if applicable), and standard water parameter instrument readings. Sample material is collected, contained, stored, and transported to the laboratory in conformance with EPA standards. Purgewater (if applicable) is, likewise, collected and transported to the Shell Martinez Manufacturing Complex.

Basic field information is presented alongside analytical values excerpted from the laboratory report in the cumulative table of **WELL CONCENTRATIONS**. The full analytical report for the most recent samples and the field data sheets are attached to this report.

At a minimum, Blaine Tech Services, Inc. field personnel are certified on completion of a forty hour Hazardous Materials and Emergency Response training course per 29 CFR 1910.120. Field personnel are also enrolled in annual eight hour refresher courses.

Blaine Tech Services, Inc. conducts sampling and documentation assignments of this type as an independent third party. In order to avoid compromising the objectivity necessary for the proper and disinterested performance of this work, Blaine Tech Services, Inc. concentrates on objective data collection and does not participate in the interpretation of analytical results, the definition of geological or hydrological conditions, the formulation of recommendations, or the marketing of remedial systems.

Please call if you have any questions.

Yours truly,

Deidre Kerwin
Operations Manager

DK/mt

attachments: Cumulative Table of WELL CONCENTRATIONS
Certified Analytical Report
Field Data Sheet

cc: Anni Kreml
Cambria Environmental Technology, Inc.
1144 65th Street, Ste. C
Oakland, CA 94608

WELL CONCENTRATIONS
Shell-branded Service Station
1784 150th Avenue
San Leandro, CA
Wic #204-6852-1404

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-1	03/08/1990	510	120	1.5	0.8	<0.5	5.4	NA	NA	49.13	25.29	23.84	NA	NA
MW-1	06/12/1990	390	100	86	1.3	0.7	6.2	NA	NA	49.13	25.85	23.28	NA	NA
MW-1	09/13/1990	100	130	56	0.75	2.4	2.8	NA	NA	49.13	27.49	21.64	NA	NA
MW-1	12/18/1990	480	<50	54	1.7	3.3	3.7	NA	NA	49.13	27.41	21.72	NA	NA
MW-1	03/07/1991	80	<50	266	<0.5	1.2	<1.5	NA	NA	49.13	25.79	23.34	NA	NA
MW-1	06/07/1991	510	<50	130	3.8	6.1	11	NA	NA	49.13	25.64	23.49	NA	NA
MW-1	09/17/1991	330	120a	67	<0.5	3.0	2.2	NA	NA	49.13	27.54	21.59	NA	NA
MW-1	12/09/1991	140a	80	<0.5	<0.5	1.7	4.7	NA	NA	49.13	27.81	21.32	NA	NA
MW-1	02/13/1992	NA	NA	NA	NA	NA	NA	NA	NA	49.13	25.57	23.56	NA	NA
MW-1	02/24/1992	NA	NA	NA	NA	NA	NA	NA	NA	49.13	22.83	26.30	NA	NA
MW-1	02/27/1992	NA	NA	NA	NA	NA	NA	NA	NA	49.13	23.09	26.04	NA	NA
MW-1	03/01/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	49.13	23.26	25.87	NA	NA
MW-1	06/03/1992	1,500	NA	520	180	72	230	NA	NA	49.13	24.64	24.49	NA	NA
MW-1	09/01/1992	130	NA	16	1.4	1.8	3.4	NA	NA	49.13	26.74	22.39	NA	NA
MW-1	10/06/1992	NA	NA	NA	NA	NA	NA	NA	NA	49.13	27.18	21.95	NA	NA
MW-1	11/11/1992	NA	NA	NA	NA	NA	NA	NA	NA	49.13	27.99	21.14	NA	NA
MW-1	12/04/1992	150	NA	360	0.7	1.8	2.1	NA	NA	49.13	27.14	21.99	NA	NA
MW-1	01/22/1993	NA	NA	NA	NA	NA	NA	NA	NA	49.13	20.09	29.04	NA	NA
MW-1	02/10/1993	NA	NA	NA	NA	NA	NA	NA	NA	49.13	24.26	24.87	NA	NA
MW-1	03/03/1993	<50	NA	1.5	<0.5	<0.5	<0.5	NA	NA	49.13	20.50	28.63	NA	NA
MW-1	05/11/1993	NA	NA	NA	NA	NA	NA	NA	NA	49.13	21.70	27.43	NA	NA
MW-1	06/17/1993	1,600	NA	340	120	120	440	NA	NA	49.13	22.42	26.71	NA	NA
MW-1	09/10/1993	2,600	NA	670	340	310	730	NA	NA	49.13	24.11	25.02	NA	NA
MW-1	12/13/1993	11,000	NA	470	320	380	2,300	NA	NA	49.13	23.73	25.40	NA	NA
MW-1	03/03/1994	16,000	NA	700	690	480	3,200	NA	NA	49.13	22.08	27.05	NA	NA
MW-1	06/06/1994	7,500	NA	420	280	200	1,000	NA	NA	49.13	23.10	26.03	NA	NA
MW-1	09/12/1994	1,200	NA	110	21	3.3	420	NA	NA	49.13	25.19	23.94	NA	NA
MW-1	12/19/1994	4,600	NA	470	330	230	1,300	NA	NA	49.13	23.06	26.07	NA	NA

WELL CONCENTRATIONS
Shell-branded Service Station
1784 150th Avenue
San Leandro, CA
Wic #204-6852-1404

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-1	02/28/1995	500	NA	59	32	6.8	68	NA	NA	49.13	20.90	28.23	NA	NA
MW-1	03/24/1995	NA	NA	NA	NA	NA	NA	NA	NA	49.13	18.28	30.85	NA	NA
MW-1	06/26/1995	5,500	NA	740	420	300	1,800	NA	NA	49.13	20.40	28.73	NA	NA
MW-1	09/13/1995	84,000	NA	1,900	2,600	3,000	14,000	NA	NA	49.13	22.62	26.51	NA	NA
MW-1	12/19/1995	80,000	NA	660	350	170	18,000	NA	NA	49.13	22.10	27.03	NA	NA
MW-1	03/07/1996	NA	NA	NA	NA	NA	NA	NA	NA	49.13	18.83	30.34	0.05	NA
MW-1	06/28/1996	270,000	NA	2,800	820	1,000	16,000	<0.5	NA	49.13	21.46	27.67	NA	NA
MW-1 (D)	06/28/1996	790,000	NA	2,200	780	1,000	13,000	15,000	NA	49.13	21.46	27.67	NA	NA
MW-1	09/26/1996	29,000	NA	1,100	260	270	1,900	<1,000	NA	49.13	23.57	25.57	0.01	NA
MW-1	09/26/1996	25,000	NA	1,200	320	240	1,900	<1,000	NA	49.13	NA	NA	NA	NA
MW-1	12/10/1996	13,000	NA	510	240	230	1,200	100	NA	49.13	21.43	27.70	NA	1.0
MW-1 (D)	12/10/1996	8,400	NA	420	130	140	680	81	NA	49.13	21.43	27.70	NA	1.0
MW-1	03/10/1997	4,200	NA	13	8.8	16	74	<12	NA	49.13	20.08	29.05	NA	2.0
MW-1 (D)	03/10/1997	5,100	NA	12	8.9	17	79	<25	NA	49.13	20.08	29.05	NA	2.0
MW-1	06/30/1997	5,700	NA	320	120	140	700	47	NA	49.13	21.68	27.45	NA	1.6
MW-1 (D)	06/30/1997	5,300	NA	300	95	120	580	45	NA	49.13	21.68	27.45	NA	1.6
MW-1	09/12/1997	6,300	NA	120	26	82	260	30	NA	49.13	21.78	27.35	NA	2.1
MW-1 b	12/18/1997	NA	NA	NA	NA	NA	NA	NA	NA	49.13	20.78	28.35	NA	1.3
MW-1	02/02/1998	84	NA	5.1	<0.50	<0.50	2.1	2.5	NA	49.13	19.65	29.48	NA	2.0
MW-1	06/24/1998	13,000	NA	3,000	260	410	1,400	<250	NA	49.13	19.65	29.48	NA	2.5
MW-1 (D)	06/24/1998	12,000	NA	3,800	250	47	1,400	710	NA	49.13	19.65	29.48	NA	2.5
MW-1	08/26/1998	3,100	NA	1,200	27	170	50	88	NA	49.13	20.49	28.64	NA	2.1
MW-1	12/23/1998	45,000	NA	5,300	220	1000	3600	970	NA	49.13	21.22	27.91	NA	3.8
MW-1	03/01/1999	22,300	NA	2,540	436	753	3379	<400	NA	49.13	19.27	29.86	NA	1.8
MW-2	02/13/1992	NA	NA	NA	NA	NA	NA	NA	NA	45.63	22.22	23.61	NA	NA
MW-2	02/24/1992	17,000	2,700a	6,200	1,600	550	1,900	NA	NA	45.63	19.61	26.22	NA	NA
MW-2	02/27/1992	NA	NA	NA	NA	NA	NA	NA	NA	45.63	19.92	25.91	NA	NA

WELL CONCENTRATIONS
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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-2	03/01/1992	86,000	1,000a	30,000	34,000	2,300	16,000	NA	NA	45.63	21.11	24.72	NA	NA
MW-2	06/03/1992	87,000	NA	28,000	18,000	2,000	10,000	NA	NA	45.63	21.58	24.25	NA	NA
MW-2	09/01/1992	110,000	NA	21,000	13,000	1,900	7,800	NA	NA	45.63	23.46	22.37	NA	NA
MW-2	10/06/1992	NA	NA	NA	NA	NA	NA	NA	NA	45.63	23.99	21.84	NA	NA
MW-2	11/11/1992	NA	NA	NA	NA	NA	NA	NA	NA	45.63	24.25	21.58	NA	NA
MW-2	12/04/1992	42,000	NA	15,000	2,400	960	2,900	NA	NA	45.63	23.89	21.94	NA	NA
MW-2	01/22/1993	NA	NA	NA	NA	NA	NA	NA	NA	45.63	17.03	28.80	NA	NA
MW-2	02/10/1993	NA	NA	NA	NA	NA	NA	NA	NA	45.63	18.08	27.75	NA	NA
MW-2	03/03/1993	160,000	NA	36,000	3,800	32,000	21,000	NA	NA	45.63	17.28	28.55	NA	NA
MW-2 (D)	03/03/1993	150,000	NA	31,000	3,100	20,000	14,000	NA	NA	45.63	17.28	28.55	NA	NA
MW-2	05/11/1993	NA	NA	NA	NA	NA	NA	NA	NA	45.63	18.41	27.42	NA	NA
MW-2	06/17/1993	65,000	NA	34,000	15,000	3,200	11,000	NA	NA	45.63	19.06	26.77	NA	NA
MW-2 (D)	06/17/1993	62,000	NA	28,000	14,000	2,700	10,000	NA	NA	45.63	19.06	26.77	NA	NA
MW-2	09/10/1993	72,000	NA	24,000	16,000	2,300	11,000	NA	NA	45.63	20.88	24.95	NA	NA
MW-2 (D)	09/10/93,f	71,000	NA	23,000	15,000	2,300	10,000	NA	NA	45.63	20.88	24.95	NA	NA
MW-2	12/13/1993	19,000	NA	5,400	4,900	680	3,100	NA	NA	45.63	20.42	25.41	NA	NA
MW-2 (D)	12/13/1993	17,000	NA	6,200	5,500	720	3,500	NA	NA	45.63	20.42	25.41	NA	NA
MW-2	03/03/1994	110,000	NA	21,000	24,000	2000	13,000	NA	NA	45.63	18.48	27.35	NA	NA
MW-2 (D)	03/03/1994	93,000	NA	19,000	22,000	1,800	12,000	NA	NA	45.63	18.48	27.35	NA	NA
MW-2	06/06/1994	10,000	NA	1,900	3,300	2,500	13,000	NA	NA	45.63	20.26	25.57	NA	NA
MW-2 (D)	06/06/1994	99,000	NA	9,900	12,000	2,400	12,000	NA	NA	45.63	20.26	25.57	NA	NA
MW-2	09/12/1994	160,000	NA	22,000	33,000	3,400	23,000	NA	NA	45.63	21.80	24.03	NA	NA
MW-2 (D)	09/12/1994	150,000	NA	23,000	34,000	3,500	23,000	NA	NA	45.63	21.80	24.03	NA	NA
MW-2	12/19/1994	80,000	NA	17,000	16,000	2,300	14,000	NA	NA	45.63	19.66	26.17	NA	NA
MW-2 (D)	12/19/1994	100,000	NA	28,000	26,000	3,400	20,000	NA	NA	45.63	19.66	26.17	NA	NA
MW-2	02/28/1995	100,000	NA	24,000	18,000	2,300	17,000	NA	NA	45.63	17.51	28.32	NA	NA
MW-2 (D)	02/28/1995	100,000	NA	31,000	21,000	3,200	18,000	NA	NA	45.63	17.51	28.32	NA	NA
MW-2	03/24/1995	NA	NA	NA	NA	NA	NA	NA	NA	45.63	14.88	30.95	NA	NA

WELL CONCENTRATIONS
Shell-branded Service Station
1784 150th Avenue
San Leandro, CA
Wic #204-6852-1404

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-2	06/26/1995	45,000	NA	14,000	12,000	1,500	7,500	NA	NA	45.63	17.58	28.25	NA	NA
MW-2 (D)	06/26/1995	68,000	NA	13,000	11,000	1,800	7,700	NA	NA	45.63	17.58	28.25	NA	NA
MW-2	09/13/1995	110,000	NA	19,000	19,000	2,800	15,000	NA	NA	45.63	19.28	26.55	NA	NA
MW-2 (D)	09/13/1995	120,000	NA	20,000	20,000	2,900	15,000	NA	NA	45.63	19.28	26.55	NA	NA
MW-2	12/19/1995	180,000	NA	18,000	29,000	4,100	24,000	NA	NA	45.63	18.61	27.22	NA	NA
MW-2 (D)	12/19/1995	160,000	NA	18,000	28,000	3,800	24,000	NA	NA	45.63	18.61	27.22	NA	NA
MW-2	03/06/1996	120,000	NA	28,000	15,000	3,900	17,000	NA	NA	45.63	15.41	30.42	NA	NA
MW-2	06/28/1996	96,000	NA	20,000	20,000	4,100	22,000	2,400	NA	45.63	17.84	27.99	NA	NA
MW-2	09/26/1996	87,000	NA	7,600	11,000	2,500	15,000	990	840	45.63	19.60	26.23	NA	NA
MW-2	12/10/1996	NA	NA	NA	NA	NA	NA	NA	NA	45.63	18.15	27.48	0.25	NA
MW-2	03/10/1997	NA	NA	NA	NA	NA	NA	NA	NA	45.63	17.02	28.77	0.20	NA
MW-2	06/30/1997	57,000	NA	3,600	4,600	1,300	9,700	2,300	NA	45.63	19.42	26.21	NA	2.4
MW-2	09/12/1997	88,000	NA	7,800	8,800	2,600	16,000	3,200	NA	45.63	19.40	26.23	NA	1.7
MW-2 (D)	09/12/1997	90,000	NA	8,300	9,400	2,700	17,000	3,400	NA	45.63	19.40	26.23	NA	1.7
MW-2 b	12/18/1997	NA	NA	NA	NA	NA	NA	NA	NA	45.63	17.56	28.07	NA	1.3
MW-2	02/02/1998	<50	NA	0.6	1.9	0.93	6.0	9.3	NA	45.63	18.14	27.49	NA	2
MW-2 (D)	02/02/1998	56	NA	1.0	2.8	1.4	9.3	13	NA	45.63	18.14	27.49	NA	2
MW-2	06/24/1998	20,000	NA	<200	620	560	4,500	<1,000	NA	45.63	16.08	29.55	NA	2.4
MW-2	08/26/1998	22,000	NA	380	1,100	560	4,400	330	NA	45.63	19.25	26.38	NA	NA
MW-2 (D)	08/26/1998	11,000	NA	180	130	290	500	1,400	NA	45.63	19.25	26.38	NA	NA
MW-2	12/23/1998	100,000	NA	4100	6,500	2400	16,000	<500	NA	45.63	18.29	27.34	NA	3.8
MW-2	03/01/1999	50,800	NA	3910	7,480	1890	13,100	9620	NA	45.63	22.81	22.82	NA	2.0
MW-3	02/13/1992	NA	NA	NA	NA	NA	NA	NA	NA	51.97	27.97	24.00	NA	NA
MW-3	02/24/1992	4,500	1,300a	97	<5	78	18	NA	NA	51.97	25.60	26.37	NA	NA
MW-3	02/27/1992	NA	NA	NA	NA	NA	NA	NA	NA	51.97	25.88	26.09	NA	NA
MW-3	03/01/1992	2,200	440	69	<0.5	<0.5	<0.5	NA	NA	51.97	26.00	25.97	NA	NA
MW-3	06/03/1992	4,100	NA	13	72	44	65	NA	NA	51.97	27.70	24.27	NA	NA

WELL CONCENTRATIONS
Shell-branded Service Station
1784 150th Avenue
San Leandro, CA
Wic #204-6852-1404

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-3	09/01/1992	1,900	NA	20	6.8	5.5	<5	NA	NA	51.97	29.46	22.51	NA	NA
MW-3 (D)	09/01/1992	1,900	NA	21	6.6	3.4	<5	NA	NA	51.97	29.46	22.51	NA	NA
MW-3	10/06/1992	NA	NA	NA	NA	NA	NA	NA	NA	51.97	30.01	21.96	NA	NA
MW-3	11/11/1992	NA	NA	NA	NA	NA	NA	NA	NA	51.97	30.26	21.71	NA	NA
MW-3	12/04/1992	2,400	NA	8.2	<5	<5	<5	NA	NA	51.97	29.93	22.04	NA	NA
MW-3 (D)	12/04/1992	2,100	NA	11	<0.5	5.7	<0.5	NA	NA	51.97	29.93	22.04	NA	NA
MW-3	01/22/1993	NA	NA	NA	NA	NA	NA	NA	NA	51.97	22.76	29.21	NA	NA
MW-3	02/10/1993	NA	NA	NA	NA	NA	NA	NA	NA	51.97	21.40	30.57	NA	NA
MW-3	03/03/1993	5,100	NA	63	61	75	150	NA	NA	51.97	23.08	28.89	NA	NA
MW-3	05/11/1993	NA	NA	NA	NA	NA	NA	NA	NA	51.97	24.51	27.46	NA	NA
MW-3	06/17/1993	4,000	NA	94	140	82	150	NA	NA	51.97	25.21	26.76	NA	NA
MW-3	09/10/1993	3,200	NA	140	12.5	12.5	12.5	NA	NA	51.97	26.95	25.02	NA	NA
MW-3	12/13/1993	6,200	NA	<12.5	<12.5	<12.5	<12.5	NA	NA	51.97	26.52	25.45	NA	NA
MW-3	03/03/1994	4,500	NA	73	<5	<5	<5	NA	NA	51.97	24.50	27.47	NA	NA
MW-3	06/06/1994	3,200	NA	<0.5	<0.5	3.1	<0.5	NA	NA	51.97	26.33	25.64	NA	NA
MW-3	09/12/1994	3,900	NA	<0.5	<0.5	9.6	4.1	NA	NA	51.97	27.98	23.99	NA	NA
MW-3	12/19/1994	2,400	NA	21	22	4.2	2.6	NA	NA	51.97	25.63	26.34	NA	NA
MW-3	02/28/1995	4,000	NA	58	<0.5	7.1	3.5	NA	NA	51.97	23.45	28.52	NA	NA
MW-3	03/24/1995	NA	NA	NA	NA	NA	NA	NA	NA	51.97	21.07	30.90	NA	NA
MW-3	06/26/1995	3,900	NA	8.1	<0.5	12	2.4	NA	NA	51.97	23.64	28.33	NA	NA
MW-3	09/13/1995	4,100	NA	58	5.5	5.5	<0.5	NA	NA	51.97	25.40	26.57	NA	NA
MW-3	12/19/1995	3,600	NA	<0.5	4.3	2.1	1.1	NA	NA	51.97	24.53	27.44	NA	NA
MW-3	03/07/1996	NA	NA	NA	NA	NA	NA	NA	NA	51.97	21.59	30.41	0.04	NA
MW-3	06/28/1996	2,400	NA	55	<0.5	<0.5	11	120	NA	51.97	23.95	28.02	NA	NA
MW-3	09/26/1996	2,500	NA	<5.0	<5.0	<5.0	<5.0	160	NA	51.97	25.89	26.08	NA	NA
MW-3	12/10/1996	1,600	NA	28	4.2	<2.0	3.9	110	NA	51.97	24.22	27.75	NA	0.8
MW-3	03/10/1997	130	NA	<0.50	<0.50	<0.50	1.4	4.2	NA	51.97	23.05	28.92	NA	2.8
MW-3	06/30/1997	1,200	NA	21	2.3	<2.0	<2.0	69	NA	51.97	24.34	27.63	NA	2.3

WELL CONCENTRATIONS
Shell-branded Service Station
1784 150th Avenue
San Leandro, CA
Wic #204-6852-1404

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-3	09/12/1997	440	NA	8.3	0.82	<0.50	1.9	3.4	NA	51.97	24.47	27.50	NA	1.9
MW-3 b	12/18/1997	NA	NA	NA	NA	NA	NA	NA	NA	51.97	23.54	28.43	NA	0.8
MW-3	02/02/1998	400	NA	9.3	0.68	<0.50	<0.50	9	NA	51.97	21.92	30.05	NA	1.5
MW-3	06/24/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	51.97	22.35	29.62	NA	1.9
MW-3	08/26/1998	140	NA	7.4	<0.50	<0.50	2.5	13	NA	51.97	23.45	28.52	NA	1.3
MW-3	12/23/1998	1,200	NA	50	<2.0	<2.0	<2.0	69	NA	51.97	24.01	27.96	NA	4.2
MW-3	03/01/1999	2,550	NA	<0.500	<0.500	<0.500	0.658	32.4	NA	51.97	22.08	29.89	NA	2.0
MW-4	03/24/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	40.51	9.16	31.35	NA	NA
MW-4	06/26/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	40.51	12.06	28.45	NA	NA
MW-4	09/13/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	40.51	13.90	26.61	NA	NA
MW-4	12/19/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	40.51	12.90	27.61	NA	NA
MW-4	03/06/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	40.51	9.63	30.88	NA	NA
MW-4	06/28/1996	40	NA	<0.5	0.59	0.97	3.8	26	NA	40.51	12.30	28.21	NA	NA
MW-4	09/26/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.5	NA	40.51	14.12	26.39	NA	NA
MW-4	12/10/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.5	NA	40.51	12.31	28.20	NA	1.2
MW-4	03/10/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	40.51	11.34	29.17	NA	NA
MW-4	06/30/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	40.51	13.80	26.71	NA	1.9
MW-4	09/12/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	40.51	13.99	26.52	NA	1.7
MW-4 b	12/18/1997	NA	NA	NA	NA	NA	NA	NA	NA	40.51	12.02	28.49	NA	1.8
MW-4	02/02/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	40.51	11.23	29.28	NA	1
MW-4	06/24/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	40.51	10.58	29.93	NA	1.9
MW-4	08/26/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	40.51	11.75	28.76	NA	1.2
MW-4	12/23/1998	<50	NA	0.60	<0.50	<0.50	<0.50	<2.5	NA	40.51	12.41	28.10	NA	4.2
MW-4	03/01/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.00	NA	40.51	10.38	30.13	NA	2.1

WELL CONCENTRATIONS
Shell-branded Service Station
1784 150th Avenue
San Leandro, CA
Wic #204-6852-1404

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)

Abbreviations:
TPPH = Total petroleum hydrocarbons as gasoline by modified EPA Method 8015
TEPH = Total petroleum hydrocarbons as diesel by modified EPA Method 8015
BTEX = benzene, toluene, ethylbenzene, xylenes by EPA Method 8020
MTBE = methyl-tertiary-butyl ether
TOC = Top of Casing Elevation
SPH = Separate-Phase Hydrocarbons
GW = Groundwater
DO = Dissolved Oxygen
ug/L = parts per billion
msl = Mean sea level
ft = Feet
<n = Below detection limit
D = Duplicate sample

Notes:
a = Chromatogram pattern indicates an unidentified hydrocarbon.
b = Samples not analyzed due to laboratory oversight.

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March 15, 1999

Fran Thie
Blaine Technical Services, Inc.
1680 Rogers Ave.
San Jose, CA 95112

RE: Shell Oil Co./P903129

Dear Fran Thie

Enclosed are the results of analyses for sample(s) received by the laboratory on March 3, 1999. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Scott Forbes
Project Manager

CA ELAP Certificate Number 2245

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Blaine Technical Services, Inc.	Project:	Shell Oil Co.	Sampled: 3/1/99
1680 Rogers Ave.	Project Number:	1784 150th Ave. San Leandro/990301-X2	Received: 3/3/99
San Jose, CA 95112	Project Manager:	Fran Thie	Reported: 3/15/99

ANALYTICAL REPORT FOR P903129

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
MW-1	P903129-01	Water	3/1/99
MW-2	P903129-02	Water	3/1/99
MW-3	P903129-03	Water	3/1/99
MW-4	P903129-04	Water	3/1/99

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Blaine Technical Services, Inc.	Project:	Shell Oil Co.	Sampled: 3/1/99
1680 Rogers Ave.	Project Number:	1784 150th Ave. San Leandro/990301-X2	Received: 3/3/99
San Jose, CA 95112	Project Manager:	Fran Thie	Reported: 3/15/99

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M
Sequoia Analytical - Petaluma

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
MW-1			**P903129-01**				**Water**	
Gasoline	9030235	3/10/99	3/10/99		10000	**22300**	ug/l	
Benzene	"	"	"		100	**2540**	"	
Toluene	"	"	"		100	**436**	"	
Ethylbenzene	"	"	"		100	**753**	"	
Xylenes (total)	"	"	"		100	**3370**	"	
Methyl tert-butyl ether	"	"	"		400	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*109*	%	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*93.3*	"	
MW-2			**P903129-02**				**Water**	
Gasoline	9030235	3/10/99	3/10/99		5000	**50800**	ug/l	
Benzene	"	"	"		50.0	**3910**	"	
Toluene	"	"	"		50.0	**7480**	"	
Ethylbenzene	"	"	"		50.0	**1890**	"	
Xylenes (total)	"	"	"		50.0	**13100**	"	
Methyl tert-butyl ether	"	"	"		200	**9620**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*104*	%	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*97.0*	"	
MW-3			**P903129-03**				**Water**	
Gasoline	9030235	3/10/99	3/10/99		50.0	**2550**	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	**0.658**	"	
Methyl tert-butyl ether	"	"	"		2.00	**32.4**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*97.3*	%	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*101*	"	
MW-4			**P903129-04**				**Water**	
Gasoline	9030235	3/10/99	3/10/99		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	
Methyl tert-butyl ether	"	"	"		2.00	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*102*	%	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*99.3*	"	

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Blaine Technical Services, Inc.	Project:	Shell Oil Co.	Sampled: 3/1/99
1680 Rogers Ave.	Project Number:	1784 150th Ave. San Leandro/990301-X2	Received: 3/3/99
San Jose, CA 95112	Project Manager:	Fran Thie	Reported: 3/15/99

Volatile Organic Compounds by EPA Method 8010B
Sequoia Analytical - Petaluma

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
MW-1			**P903129-01**				**Water**	**1**
Bromodichloromethane	9030182	3/5/99	3/5/99		100	ND	ug/l	
Bromoform	"	"	"		100	ND	"	
Bromomethane	"	"	"		100	ND	"	
Carbon tetrachloride	"	"	"		100	ND	"	
Chlorobenzene	"	"	"		100	ND	"	
Chloroethane	"	"	"		100	ND	"	
2-Chloroethylvinyl ether	"	"	"		1000	ND	"	
Chloroform	"	"	"		100	ND	"	
Chloromethane	"	"	"		100	ND	"	
Dibromochloromethane	"	"	"		100	ND	"	
1,2-Dibromoethane (EDB)	"	"	"		100	ND	"	
1,2-Dichlorobenzene	"	"	"		100	ND	"	
1,3-Dichlorobenzene	"	"	"		100	ND	"	
1,4-Dichlorobenzene	"	"	"		100	ND	"	
Dichlorodifluoromethane	"	"	"		100	ND	"	
1,1-Dichloroethane	"	"	"		100	ND	"	
1,2-Dichloroethane	"	"	"		100	ND	"	
1,1-Dichloroethene	"	"	"		100	ND	"	
cis-1,2-Dichloroethene	"	"	"		100	ND	"	
trans-1,2-Dichloroethene	"	"	"		100	ND	"	
1,2-Dichloropropane	"	"	"		100	ND	"	
cis-1,3-Dichloropropene	"	"	"		100	ND	"	
trans-1,3-Dichloropropene	"	"	"		100	ND	"	
Freon 113	"	"	"		100	ND	"	
Methylene chloride	"	"	"		100	ND	"	
1,1,2,2-Tetrachloroethane	"	"	"		100	ND	"	
Tetrachloroethene	"	"	"		100	ND	"	
1,1,2-Trichloroethane	"	"	"		100	ND	"	
1,1,1-Trichloroethane	"	"	"		100	ND	"	
Trichloroethene	"	"	"		100	ND	"	
Trichlorofluoromethane	"	"	"		100	ND	"	
Vinyl chloride	"	"	"		100	ND	"	
Surrogate: Bromochloromethane	"	"	"	-		*98.0*	%	
Surrogate: 1,4-Dichlorobutane	"	"	"	-		*105*	"	

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Blaine Technical Services, Inc.	Project:	Shell Oil Co.	Sampled: 3/1/99
1680 Rogers Ave.	Project Number:	1784 150th Ave. San Leandro/990301-X2	Received: 3/3/99
San Jose, CA 95112	Project Manager:	Fran Thie	Reported: 3/15/99

Volatile Organic Compounds by EPA Method 8010B
Sequoia Analytical - Petaluma

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
MW-2			**P903129-02**				**Water**	**1**
Bromodichloromethane	9030182	3/5/99	3/5/99		250	ND	ug/l	
Bromoform	"	"	"		250	ND	"	
Bromomethane	"	"	"		250	ND	"	
Carbon tetrachloride	"	"	"		250	ND	"	
Chlorobenzene	"	"	"		250	ND	"	
Chloroethane	"	"	"		250	ND	"	
2-Chloroethylvinyl ether	"	"	"		2500	ND	"	
Chloroform	"	"	"		250	ND	"	
Chloromethane	"	"	"		250	ND	"	
Dibromochloromethane	"	"	"		250	ND	"	
1,2-Dibromoethane (EDB)	"	"	"		250	ND	"	
1,2-Dichlorobenzene	"	"	"		250	ND	"	
1,3-Dichlorobenzene	"	"	"		250	ND	"	
1,4-Dichlorobenzene	"	"	"		250	ND	"	
Dichlorodifluoromethane	"	"	"		250	ND	"	
1,1-Dichloroethane	"	"	"		250	ND	"	
1,2-Dichloroethane	"	"	"		250	ND	"	
1,1-Dichloroethene	"	"	"		250	ND	"	
cis-1,2-Dichloroethene	"	"	"		250	ND	"	
trans-1,2-Dichloroethene	"	"	"		250	ND	"	
1,2-Dichloropropane	"	"	"		250	ND	"	
cis-1,3-Dichloropropene	"	"	"		250	ND	"	
trans-1,3-Dichloropropene	"	"	"		250	ND	"	
Freon 113	"	"	"		250	ND	"	
Methylene chloride	"	"	"		250	ND	"	
1,1,2,2-Tetrachloroethane	"	"	"		250	ND	"	
Tetrachloroethene	"	"	"		250	ND	"	
1,1,2-Trichloroethane	"	"	"		250	ND	"	
1,1,1-Trichloroethane	"	"	"		250	ND	"	
Trichloroethene	"	"	"		250	ND	"	
Trichlorofluoromethane	"	"	"		250	ND	"	
Vinyl chloride	"	"	"		250	ND	"	
Surrogate: Bromochloromethane	"	"	"	-		*98.7*	%	
Surrogate: 1,4-Dichlorobutane	"	"	"	-		*107*	"	

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Blaine Technical Services, Inc.	Project:	Shell Oil Co.	Sampled: 3/1/99
1680 Rogers Ave.	Project Number:	1784 150th Ave. San Leandro/990301-X2	Received: 3/3/99
San Jose, CA 95112	Project Manager:	Fran Thie	Reported: 3/15/99

Volatile Organic Compounds by EPA Method 8010B
Sequoia Analytical - Petaluma

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
MW-3			**P903129-03**				**Water**	
Bromodichloromethane	9030182	3/8/99	3/8/99		0.500	ND	ug/l	
Bromoform	"	"	"		0.500	ND	"	
Bromomethane	"	"	"		0.500	ND	"	
Carbon tetrachloride	"	"	"		0.500	ND	"	
Chlorobenzene	"	"	"		0.500	ND	"	
Chloroethane	"	"	"		0.500	ND	"	
2-Chloroethylvinyl ether	"	"	"		5.00	ND	"	
Chloroform	"	"	"		0.500	ND	"	
Chloromethane	"	"	"		0.500	ND	"	
Dibromochloromethane	"	"	"		0.500	ND	"	
1,2-Dibromoethane (EDB)	"	"	"		0.500	ND	"	
1,2-Dichlorobenzene	"	"	"		0.500	ND	"	
1,3-Dichlorobenzene	"	"	"		0.500	ND	"	
1,4-Dichlorobenzene	"	"	"		0.500	ND	"	
Dichlorodifluoromethane	"	"	"		0.500	ND	"	
1,1-Dichloroethane	"	"	"		0.500	ND	"	
1,2-Dichloroethane	"	"	"		0.500	**8.48**	"	
1,1-Dichloroethene	"	"	"		0.500	ND	"	
cis-1,2-Dichloroethene	"	"	"		0.500	ND	"	
trans-1,2-Dichloroethene	"	"	"		0.500	ND	"	
1,2-Dichloropropane	"	"	"		0.500	ND	"	
cis-1,3-Dichloropropene	"	"	"		0.500	ND	"	
trans-1,3-Dichloropropene	"	"	"		0.500	ND	"	
Freon 113	"	"	"		0.500	ND	"	
Methylene chloride	"	"	"		0.500	ND	"	
1,1,2,2-Tetrachloroethane	"	"	"		0.500	ND	"	
Tetrachloroethene	"	"	"		0.500	ND	"	
1,1,2-Trichloroethane	"	"	"		0.500	ND	"	
1,1,1-Trichloroethane	"	"	"		0.500	ND	"	
Trichloroethene	"	"	"		0.500	ND	"	
Trichlorofluoromethane	"	"	"		0.500	ND	"	
Vinyl chloride	"	"	"		0.500	ND	"	
Surrogate: Bromochloromethane	"	"	"	-		*98.3*	%	
Surrogate: 1,4-Dichlorobutane	"	"	"	-		*104*	"	

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Blaine Technical Services, Inc.	Project:	Shell Oil Co.	Sampled: 3/1/99
1680 Rogers Ave.	Project Number:	1784 150th Ave. San Leandro/990301-X2	Received: 3/3/99
San Jose, CA 95112	Project Manager:	Fran Thie	Reported: 3/15/99

Volatile Organic Compounds by EPA Method 8010B
Sequoia Analytical - Petaluma

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
MW-4			**P903129-04**				**Water**	
Bromodichloromethane	9030182	3/5/99	3/5/99		0.500	ND	ug/l	
Bromoform	"	"	"		0.500	ND	"	
Bromomethane	"	"	"		0.500	ND	"	
Carbon tetrachloride	"	"	"		0.500	ND	"	
Chlorobenzene	"	"	"		0.500	ND	"	
Chloroethane	"	"	"		0.500	ND	"	
2-Chloroethylvinyl ether	"	"	"		5.00	ND	"	
Chloroform	"	"	"		0.500	ND	"	
Chloromethane	"	"	"		0.500	ND	"	
Dibromochloromethane	"	"	"		0.500	ND	"	
1,2-Dibromoethane (EDB)	"	"	"		0.500	ND	"	
1,2-Dichlorobenzene	"	"	"		0.500	ND	"	
1,3-Dichlorobenzene	"	"	"		0.500	ND	"	
1,4-Dichlorobenzene	"	"	"		0.500	ND	"	
Dichlorodifluoromethane	"	"	"		0.500	ND	"	
1,1-Dichloroethane	"	"	"		0.500	ND	"	
1,2-Dichloroethane	"	"	"		0.500	ND	"	
1,1-Dichloroethene	"	"	"		0.500	ND	"	
cis-1,2-Dichloroethene	"	"	"		0.500	ND	"	
trans-1,2-Dichloroethene	"	"	"		0.500	ND	"	
1,2-Dichloropropane	"	"	"		0.500	ND	"	
cis-1,3-Dichloropropene	"	"	"		0.500	ND	"	
trans-1,3-Dichloropropene	"	"	"		0.500	ND	"	
Freon 113	"	"	"		0.500	ND	"	
Methylene chloride	"	"	"		0.500	ND	"	
1,1,2,2-Tetrachloroethane	"	"	"		0.500	ND	"	
Tetrachloroethene	"	"	"		0.500	ND	"	
1,1,2-Trichloroethane	"	"	"		0.500	ND	"	
1,1,1-Trichloroethane	"	"	"		0.500	ND	"	
Trichloroethene	"	"	"		0.500	**0.884**	"	
Trichlorofluoromethane	"	"	"		0.500	ND	"	
Vinyl chloride	"	"	"		0.500	ND	"	
Surrogate: Bromochloromethane	"	"	"	-		*97.3*	%	
Surrogate: 1,4-Dichlorobutane	"	"	"	-		*105*	"	

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Blaine Technical Services, Inc.	Project:	Shell Oil Co.	Sampled: 3/1/99
1680 Rogers Ave.	Project Number:	1784 150th Ave. San Leandro/990301-X2	Received: 3/3/99
San Jose, CA 95112	Project Manager:	Fran Thie	Reported: 3/15/99

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M/Quality Control
Sequoia Analytical - Petaluma

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 9030235	**Date Prepared: 3/10/99**					**Extraction Method: EPA 5030 waters**				
Blank	**9030235-BLK1**									
Gasoline	3/10/99			**ND**	ug/l	**50.0**				
Benzene	"			**ND**	"	**0.500**				
Toluene	"			**ND**	"	**0.500**				
Ethylbenzene	"			**ND**	"	**0.500**				
Xylenes (total)	"			**ND**	"	**0.500**				
Methyl tert-butyl ether	"			**ND**	"	**2.00**				
Surrogate: a,a,a-Trifluorotoluene	"	*300*		*321*	"	*65.0-135*	*107*			
Surrogate: 4-Bromofluorobenzene	"	*300*		*305*	"	*65.0-135*	*102*			
LCS	**9030235-BS1**									
Benzene	3/10/99	100		95.9	ug/l	65.0-135	95.9			
Toluene	"	100		94.6	"	65.0-135	94.6			
Ethylbenzene	"	100		92.8	"	65.0-135	92.8			
Xylenes (total)	"	300		292	"	65.0-135	97.3			
Surrogate: a,a,a-Trifluorotoluene	"	*300*		*308*	"	*65.0-135*	*103*			
Matrix Spike	**9030235-MS1**		**P903137-05**							
Benzene	3/10/99	100	ND	93.8	ug/l	65.0-135	**93.8**			
Toluene	"	100	ND	93.0	"	65.0-135	**93.0**			
Ethylbenzene	"	100	ND	90.8	"	65.0-135	**90.8**			
Xylenes (total)	"	300	ND	286	"	65.0-135	**95.3**			
Surrogate: a,a,a-Trifluorotoluene	"	*300*		*283*	"	*65.0-135*	*94.3*			
Matrix Spike Dup	**9030235-MSD1**		**P903137-05**							
Benzene	3/10/99	100	ND	94.8	ug/l	65.0-135	**94.8**	20.0	**1.06**	
Toluene	"	100	ND	94.7	"	65.0-135	**94.7**	20.0	**1.81**	
Ethylbenzene	"	100	ND	92.2	"	65.0-135	**92.2**	20.0	**1.53**	
Xylenes (total)	"	300	ND	289	"	65.0-135	**96.3**	20.0	**1.04**	
Surrogate: a,a,a-Trifluorotoluene	"	*300*		*305*	"	*65.0-135*	*102*			

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Blaine Technical Services, Inc.	Project:	Shell Oil Co.	Sampled: 3/1/99
1680 Rogers Ave.	Project Number:	1784 150th Ave. San Leandro/990301-X2	Received: 3/3/99
San Jose, CA 95112	Project Manager:	Fran Thie	Reported: 3/15/99

Volatile Organic Compounds by EPA Method 8010B/Quality Control
Sequoia Analytical - Petaluma

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 9030182	**Date Prepared: 3/5/99**					**Extraction Method: EPA 5030 waters**				
Blank	**9030182-BLK1**									
Bromodichloromethane	3/5/99			ND	ug/l	0.500				
Bromoform	"			ND	"	0.500				
Bromomethane	"			ND	"	0.500				
Carbon tetrachloride	"			ND	"	0.500				
Chlorobenzene	"			ND	"	0.500				
Chloroethane	"			ND	"	0.500				
2-Chloroethylvinyl ether	"			ND	"	5.00				
Chloroform	"			ND	"	0.500				
Chloromethane	"			ND	"	0.500				
Dibromochloromethane	"			ND	"	0.500				
1,2-Dibromoethane (EDB)	"			ND	"	0.500				
1,2-Dichlorobenzene	"			ND	"	0.500				
1,3-Dichlorobenzene	"			ND	"	0.500				
1,4-Dichlorobenzene	"			ND	"	0.500				
Dichlorodifluoromethane	"			ND	"	0.500				
1,1-Dichloroethane	"			ND	"	0.500				
1,2-Dichloroethane	"			ND	"	0.500				
1,1-Dichloroethene	"			ND	"	0.500				
cis-1,2-Dichloroethene	"			ND	"	0.500				
trans-1,2-Dichloroethene	"			ND	"	0.500				
1,2-Dichloropropane	"			ND	"	0.500				
cis-1,3-Dichloropropene	"			ND	"	0.500				
trans-1,3-Dichloropropene	"			ND	"	0.500				
Freon 113	"			ND	"	0.500				
Methylene chloride	"			ND	"	0.500				
1,1,2,2-Tetrachloroethane	"			ND	"	0.500				
Tetrachloroethene	"			ND	"	0.500				
1,1,2-Trichloroethane	"			ND	"	0.500				
1,1,1-Trichloroethane	"			ND	"	0.500				
Trichloroethene	"			ND	"	0.500				
Trichlorofluoromethane	"			ND	"	0.500				
Vinyl chloride	"			ND	"	0.500				
Surrogate: Bromochloromethane	"	*30.0*		*29.0*	"		*96.7*			
Surrogate: 1,4-Dichlorobutane	"	*30.0*		*30.4*	"		*101*			
Blank	**9030182-BLK2**									
Bromodichloromethane	3/8/99			ND	ug/l	0.500				
Bromoform	"			ND	"	0.500				
Bromomethane	"			ND	"	0.500				
Carbon tetrachloride	"			ND	"	0.500				

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Blaine Technical Services, Inc.	Project:	Shell Oil Co.	Sampled: 3/1/99
1680 Rogers Ave.	Project Number:	1784 150th Ave. San Leandro/990301-X2	Received: 3/3/99
San Jose, CA 95112	Project Manager:	Fran Thie	Reported: 3/15/99

Volatile Organic Compounds by EPA Method 8010B/Quality Control
Sequoia Analytical - Petaluma

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Blank (continued)	**9030182-BLK2**									
Chlorobenzene	3/8/99			**ND**	ug/l	**0.500**				
Chloroethane	"			**ND**	"	**0.500**				
2-Chloroethylvinyl ether	"			**ND**	"	**5.00**				
Chloroform	"			**ND**	"	**0.500**				
Chloromethane	"			**ND**	"	**0.500**				
Dibromochloromethane	"			**ND**	"	**0.500**				
1,2-Dibromoethane (EDB)	"			**ND**	"	**0.500**				
1,2-Dichlorobenzene	"			**ND**	"	**0.500**				
1,3-Dichlorobenzene	"			**ND**	"	**0.500**				
1,4-Dichlorobenzene	"			**ND**	"	**0.500**				
Dichlorodifluoromethane	"			**ND**	"	**0.500**				
1,1-Dichloroethane	"			**ND**	"	**0.500**				
1,2-Dichloroethane	"			**ND**	"	**0.500**				
1,1-Dichloroethene	"			**ND**	"	**0.500**				
cis-1,2-Dichloroethene	"			**ND**	"	**0.500**				
trans-1,2-Dichloroethene	"			**ND**	"	**0.500**				
1,2-Dichloropropane	"			**ND**	"	**0.500**				
cis-1,3-Dichloropropene	"			**ND**	"	**0.500**				
trans-1,3-Dichloropropene	"			**ND**	"	**0.500**				
Freon 113	"			**ND**	"	**0.500**				
Methylene chloride	"			**ND**	"	**0.500**				
1,1,2,2-Tetrachloroethane	"			**ND**	"	**0.500**				
Tetrachloroethene	"			**ND**	"	**0.500**				
1,1,2-Trichloroethane	"			**ND**	"	**0.500**				
1,1,1-Trichloroethane	"			**ND**	"	**0.500**				
Trichloroethene	"			**ND**	"	**0.500**				
Trichlorofluoromethane	"			**ND**	"	**0.500**				
Vinyl chloride	"			**ND**	"	**0.500**				
Surrogate: Bromochloromethane	"	*30.0*		*28.3*	"		*94.3*			
Surrogate: 1,4-Dichlorobutane	"	*30.0*		*30.6*	"		*102*			
Blank	**9030182-BLK3**									
Bromodichloromethane	3/9/99			**ND**	ug/l	**0.500**				
Bromoform	"			**ND**	"	**0.500**				
Bromomethane	"			**ND**	"	**0.500**				
Carbon tetrachloride	"			**ND**	"	**0.500**				
Chlorobenzene	"			**ND**	"	**0.500**				
Chloroethane	"			**ND**	"	**0.500**				
2-Chloroethylvinyl ether	"			**ND**	"	**5.00**				
Chloroform	"			**ND**	"	**0.500**				
Chloromethane	"			**ND**	"	**0.500**				

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Blaine Technical Services, Inc.	Project:	Shell Oil Co.	Sampled: 3/1/99
1680 Rogers Ave.	Project Number:	1784 150th Ave. San Leandro/990301-X2	Received: 3/3/99
San Jose, CA 95112	Project Manager:	Fran Thie	Reported: 3/15/99

Volatile Organic Compounds by EPA Method 8010B/Quality Control
Sequoia Analytical - Petaluma

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Blank (continued)	**9030182-BLK3**									
Dibromochloromethane	3/9/99			ND	ug/l	0.500				
1,2-Dibromoethane (EDB)	"			ND	"	0.500				
1,2-Dichlorobenzene	"			ND	"	0.500				
1,3-Dichlorobenzene	"			ND	"	0.500				
1,4-Dichlorobenzene	"			ND	"	0.500				
Dichlorodifluoromethane	"			ND	"	0.500				
1,1-Dichloroethane	"			ND	"	0.500				
1,2-Dichloroethane	"			ND	"	0.500				
1,1-Dichloroethene	"			ND	"	0.500				
cis-1,2-Dichloroethene	"			ND	"	0.500				
trans-1,2-Dichloroethene	"			ND	"	0.500				
1,2-Dichloropropane	"			ND	"	0.500				
cis-1,3-Dichloropropene	"			ND	"	0.500				
trans-1,3-Dichloropropene	"			ND	"	0.500				
Freon 113	"			ND	"	0.500				
Methylene chloride	"			ND	"	0.500				
1,1,2,2-Tetrachloroethane	"			ND	"	0.500				
Tetrachloroethene	"			ND	"	0.500				
1,1,2-Trichloroethane	"			ND	"	0.500				
1,1,1-Trichloroethane	"			ND	"	0.500				
Trichloroethene	"			ND	"	0.500				
Trichlorofluoromethane	"			ND	"	0.500				
Vinyl chloride	"			ND	"	0.500				
Surrogate: Bromochloromethane	"	*30.0*		*28.1*	"		*93.7*			
Surrogate: 1,4-Dichlorobutane	"	*30.0*		*30.9*	"		*103*			
Blank	**9030182-BLK4**									
Bromodichloromethane	3/10/99			ND	ug/l	0.500				
Bromoform	"			ND	"	0.500				
Bromomethane	"			ND	"	0.500				
Carbon tetrachloride	"			ND	"	0.500				
Chlorobenzene	"			ND	"	0.500				
Chloroethane	"			ND	"	0.500				
2-Chloroethylvinyl ether	"			ND	"	5.00				
Chloroform	"			ND	"	0.500				
Chloromethane	"			ND	"	0.500				
Dibromochloromethane	"			ND	"	0.500				
1,2-Dibromoethane (EDB)	"			ND	"	0.500				
1,2-Dichlorobenzene	"			ND	"	0.500				
1,3-Dichlorobenzene	"			ND	"	0.500				
1,4-Dichlorobenzene	"			ND	"	0.500				

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Blaine Technical Services, Inc.	Project:	Shell Oil Co.	Sampled: 3/1/99
1680 Rogers Ave.	Project Number:	1784 150th Ave. San Leandro/990301-X2	Received: 3/3/99
San Jose, CA 95112	Project Manager:	Fran Thie	Reported: 3/15/99

Volatile Organic Compounds by EPA Method 8010B/Quality Control
Sequoia Analytical - Petaluma

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Blank (continued)	**9030182-BLK4**									
Dichlorodifluoromethane	3/10/99			**ND**	ug/l	**0.500**				
1,1-Dichloroethane	"			**ND**	"	**0.500**				
1,2-Dichloroethane	"			**ND**	"	**0.500**				
1,1-Dichloroethene	"			**ND**	"	**0.500**				
cis-1,2-Dichloroethene	"			**ND**	"	**0.500**				
trans-1,2-Dichloroethene	"			**ND**	"	**0.500**				
1,2-Dichloropropane	"			**ND**	"	**0.500**				
cis-1,3-Dichloropropene	"			**ND**	"	**0.500**				
trans-1,3-Dichloropropene	"			**ND**	"	**0.500**				
Freon 113	"			**ND**	"	**0.500**				
Methylene chloride	"			**ND**	"	**0.500**				
1,1,2,2-Tetrachloroethane	"			**ND**	"	**0.500**				
Tetrachloroethene	"			**ND**	"	**0.500**				
1,1,2-Trichloroethane	"			**ND**	"	**0.500**				
1,1,1-Trichloroethane	"			**ND**	"	**0.500**				
Trichloroethene	"			**ND**	"	**0.500**				
Trichlorofluoromethane	"			**ND**	"	**0.500**				
Vinyl chloride	"			**ND**	"	**0.500**				
Surrogate: Bromochloromethane	"	*30.0*		*28.1*	"		*93.7*			
Surrogate: 1,4-Dichlorobutane	"	*30.0*		*30.2*	"		*101*			
Blank	**9030182-BLK5**									
Bromodichloromethane	3/11/99			**ND**	ug/l	**0.500**				
Bromoform	"			**ND**	"	**0.500**				
Bromomethane	"			**ND**	"	**0.500**				
Carbon tetrachloride	"			**ND**	"	**0.500**				
Chlorobenzene	"			**ND**	"	**0.500**				
Chloroethane	"			**ND**	"	**0.500**				
2-Chloroethylvinyl ether	"			**ND**	"	**5.00**				
Chloroform	"			**ND**	"	**0.500**				
Chloromethane	"			**ND**	"	**0.500**				
Dibromochloromethane	"			**ND**	"	**0.500**				
1,2-Dibromoethane (EDB)	"			**ND**	"	**0.500**				
1,2-Dichlorobenzene	"			**ND**	"	**0.500**				
1,3-Dichlorobenzene	"			**ND**	"	**0.500**				
1,4-Dichlorobenzene	"			**ND**	"	**0.500**				
Dichlorodifluoromethane	"			**ND**	"	**0.500**				
1,1-Dichloroethane	"			**ND**	"	**0.500**				
1,2-Dichloroethane	"			**ND**	"	**0.500**				
1,1-Dichloroethene	"			**ND**	"	**0.500**				
cis-1,2-Dichloroethene	"			**ND**	"	**0.500**				

Sequoia Analytical

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Blaine Technical Services, Inc.	Project:	Shell Oil Co.	Sampled: 3/1/99
1680 Rogers Ave.	Project Number:	1784 150th Ave. San Leandro/990301-X2	Received: 3/3/99
San Jose, CA 95112	Project Manager:	Fran Thie	Reported: 3/15/99

Volatile Organic Compounds by EPA Method 8010B/Quality Control
Sequoia Analytical - Petaluma

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Blank (continued)	**9030182-BLK5**									
trans-1,2-Dichloroethene	3/11/99			**ND**	ug/l	**0.500**				
1,2-Dichloropropane	"			**ND**	"	**0.500**				
cis-1,3-Dichloropropene	"			**ND**	"	**0.500**				
trans-1,3-Dichloropropene	"			**ND**	"	**0.500**				
Freon 113	"			**ND**	"	**0.500**				
Methylene chloride	"			**ND**	"	**0.500**				
1,1,2,2-Tetrachloroethane	"			**ND**	"	**0.500**				
Tetrachloroethene	"			**ND**	"	**0.500**				
1,1,2-Trichloroethane	"			**ND**	"	**0.500**				
1,1,1-Trichloroethane	"			**ND**	"	**0.500**				
Trichloroethene	"			**ND**	"	**0.500**				
Trichlorofluoromethane	"			**ND**	"	**0.500**				
Vinyl chloride	"			**ND**	"	**0.500**				
Surrogate: Bromochloromethane	"	*30.0*		*27.8*	"		*92.7*			
Surrogate: 1,4-Dichlorobutane	"	*30.0*		*31.0*	"		*103*			
LCS	**9030182-BS1**									
Chlorobenzene	3/5/99	10.0		9.57	ug/l		95.7			
1,1-Dichloroethene	"	10.0		9.91	"		99.1			
Trichloroethene	"	10.0		10.0	"		100			
Surrogate: Bromochloromethane	"	*30.0*		*27.8*	"		*92.7*			
Surrogate: 1,4-Dichlorobutane	"	*30.0*		*28.4*	"		*94.7*			
LCS	**9030182-BS2**									
Chlorobenzene	3/8/99	10.0		9.43	ug/l		94.3			
1,1-Dichloroethene	"	10.0		9.09	"		90.9			
Trichloroethene	"	10.0		9.21	"		92.1			
Surrogate: Bromochloromethane	"	*30.0*		*26.5*	"		*88.3*			
Surrogate: 1,4-Dichlorobutane	"	*30.0*		*27.5*	"		*91.7*			
LCS	**9030182-BS3**									
Chlorobenzene	3/9/99	10.0		9.60	ug/l		96.0			
1,1-Dichloroethene	"	10.0		9.48	"		94.8			
Trichloroethene	"	10.0		9.40	"		94.0			
Surrogate: Bromochloromethane	"	*30.0*		*26.9*	"		*89.7*			
Surrogate: 1,4-Dichlorobutane	"	*30.0*		*26.3*	"		*87.7*			
LCS	**9030182-BS4**									
Chlorobenzene	3/10/99	10.0		9.57	ug/l		95.7			
1,1-Dichloroethene	"	10.0		9.29	"		92.9			
Trichloroethene	"	10.0		9.46	"		94.6			

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San Jose, CA 95112	Project Manager:	Fran Thie	Reported: 3/15/99

Volatile Organic Compounds by EPA Method 8010B/Quality Control
Sequoia Analytical - Petaluma

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
LCS (continued)	**9030182-BS4**									
Surrogate: Bromochloromethane	*3/10/99*	*30.0*		*26.6*	*ug/l*		*88.7*			
Surrogate: 1,4-Dichlorobutane	"	*30.0*		*28.1*	"		*93.7*			
LCS	**9030182-BS5**									
Chlorobenzene	3/11/99	10.0		9.44	ug/l		94.4			
1,1-Dichloroethene	"	10.0		9.06	"		90.6			
Trichloroethene	"	10.0		9.44	"		94.4			
Surrogate: Bromochloromethane	"	*30.0*		*26.4*	"		*88.0*			
Surrogate: 1,4-Dichlorobutane	"	*30.0*		*27.1*	"		*90.3*			
Matrix Spike	**9030182-MS1**		**P903107-01**							
Chlorobenzene	3/5/99	10.0	ND	9.57	ug/l		**95.7**			
1,1-Dichloroethene	"	10.0	ND	9.57	"		**95.7**			
Trichloroethene	"	10.0	ND	9.57	"		**95.7**			
Surrogate: Bromochloromethane	"	*30.0*		*26.7*	"		*89.0*			
Surrogate: 1,4-Dichlorobutane	"	*30.0*		*27.1*	"		*90.3*			
Matrix Spike Dup	**9030182-MSD1**		**P903107-01**							
Chlorobenzene	3/5/99	10.0	ND	9.60	ug/l		**96.0**	**0.313**		
1,1-Dichloroethene	"	10.0	ND	10.0	"		**100**	**4.39**		
Trichloroethene	"	10.0	ND	9.85	"		**98.5**	**2.88**		
Surrogate: Bromochloromethane	"	*30.0*		*28.3*	"		*94.3*			
Surrogate: 1,4-Dichlorobutane	"	*30.0*		*29.6*	"		*98.7*			

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Notes and Definitions

#	Note
1	The sample was diluted due to the presence of high levels of non-target analytes resulting in elevated reporting limits.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
Recov.	Recovery
RPD	Relative Percent Difference